



TOWN COUNCIL OF BENONI

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# Annual Report

OF THE

## MEDICAL OFFICER OF HEALTH

FOR THE YEAR  
1st OF JULY, 1951----30th OF JUNE, 1952



ack  
27/7/53

To His Worship the Mayor  
and Members of the Town Council of Benoni.

Your Worship, Councillor (Mrs.) Mc.Dowell  
and Gentlemen,

I have the honour to present to you the Annual Report on the activities of the Public Health Department for the year ended 30th June, 1952.

Details of the work of the department during the year are discussed in the main body of the report. It does however seem necessary to direct attention to the serious problem created by the lack, an ever increasing lack, of housing for the less fortunate section of our community, a community which is increasingly expanding as a result of the expansion in industrialisation of our town.

I wish to express my thanks and appreciation to your Worship and Councillors, and in particular the Chairman (Councillor J.F. Malherbe) and members of the Public Health Committee for their continued assistance, support and consideration on all matters submitted to them during the year.

I also desire to express my appreciation to the Town Clerk and his Staff, and to all Departmental Heads and their staff, for their continued courtesy and assistance at all times.

In conclusion, I again desire to record my sincere appreciation and grateful thanks for the loyal support and co-operation extended to me, by all the members of the Public Health Department, in maintaining the Department's motto - "Through Education to Health".

I have the honour to be,  
Lady and Gentlemen,  
Your obedient servant,

S.W. ADLER.

MEDICAL OFFICER OF HEALTH.







R E P O R T "A"



1. V I T A L   S T A T I S T I C S

(i) P O P U L A T I O N

(Pages 13 and 14)

The upward trend in population, referred to in the previous report, continued during the year under review. The population is the highest ever recorded for Benoni, and at the present rate of increase, there can be no question of a doubt that the next year will see the population of Benoni over the six figure mark, which will further justify the claim of Benoni for recognition of City status.

With the imminent rehousing of the natives presently living in the squatters camp at Apex; this area will be released for further industrial purposes. This in turn will result in further expansion of Benoni, so that it is quite feasible that, when the gold mines in other towns reach the end of their life, Benoni, already highly industrialised in lieu of mines, will return to its status of premier city of the East Rand.

(ii) B I R T H S

(Pages 14 and 15)

The European Birth Rate (27.25) remains satisfactory, though lower than that for the previous year when it was 28.09.

As usual the Coloured and Asiatic Birth Rates remain high, whilst the Native Birth Rate, as always, continues fallacious owing to the incomplete registration of native births.

The illegitimate birth rate for natives (31.09) remains high. Bad overcrowded housing, referred to elsewhere in the report, with total lack of segregation of the sexes contributes very greatly to make the rate much greater than it should be.

(iii) D E A T H S

(Pages 16 to 27)

The European Death Rate (7.59) shows a slight increase for that of the preceding year (7.02) and is eminently satisfactory.

The Coloured and Mining Native Deaths show small decreases (from 16.39 to 15.26 and 6.11 to 5.19 respectively), as compared with the previous year. The Death Rates for Non-Mining Natives and also for Asiatics show increases (from 20.22 to 21.39 and from 10.10 to 11.33 respectively), as compared with the previous year.

(iv) I N F A N T I L E   M O R T A L I T Y

(Pages 28 and 29)

Though the European Infantile Mortality Rate (38.27) shows an appreciable increase compared with that for the previous year (27.88), which was the lowest ever recorded, it nevertheless is still satisfactory.

The/...





The Asiatic and Coloured Rates remain high, whilst the figure for natives (353.17) continues most unreliable owing to the incomplete registration of Native births.

Of the Native deaths no fewer than 20% occurred during the first week of life, the most prevalent cause of death (12.19%) of this group being due to prematurity. The greatest killer of deaths of native infants under 1 year of age, is summer diarrhoea. Nearly half (47%) of all deaths occurring in native infants under the age of one year was due to summer diarrhoea, most of the deaths occurring in the months of November, December and January.

Summer Diarrhoea would appear to attack the bottle-fed infant more than it does the breast fed infant. For of the 243 infantile deaths from this cause occurring amongst natives, 125 were traced. These were distributed as follows:-

Artificially fed.....	68
Breast fed.....	20
Mixed feeding.....	28
Unknown.....	9

## 2. I N F E C T I O U S   D I S E A S E S (Pages 30 to 37)

### (i) GENERAL

The number of notifications received and accepted during the year was 731, as compared with 670 for the previous year and 846 for the preceding year.

Tuberculosis, in all its forms 150 cases, was the most prevalent disease, excepting measles (398 cases), accounting for 20% of all cases of infectious disease notified.

### (ii) SCARLET FEVER

(Page 34)

This disease (33 cases) was limited to Europeans only. As usual the disease manifested itself in a mild form. No complications were observed in any of the reported cases, nor did any fatalities occur, whilst none of the patients required hospitalisation.

### (iii) WHOOPING COUGH

(Page 33)

89 Cases of whooping cough were reported and accepted during the year. The decrease in the number of cases suffering from this disease must be ascribed to the use of the combined whooping cough and diphtheria vaccine.

Three deaths were recorded as having been due to this disease. The actual number was probably much higher, as many native deaths certified as being due to broncho-pneumonia which was probably secondary to pertussis.

### (iv) MEASLES

(Page 33)

As usual measles headed the list of infectious diseases notified during the year with 398 cases (or 54%) out of

a total/...





a total of 731 notifications received for all infectious disease.

The disease pursued a mild course in the vast majority of cases, and no deaths from this disease were recorded.

(v) DIPHTHERIA

(Page 34)

During the year 17 cases, of which 4 were Europeans, of Diphtheria were received, resulting in 3 (1 European) deaths. As the result of continuous agitation and propaganda by the Department, a large percentage of European children receive protection by immunisation before their first birthday. A small minority of parents do not however give their children this protection hence it is inevitable that cases should occur amongst such unprotected children.

During the year 277 European children received the full course of 3 injections at the clinic, whilst 267 were immunised by private practitioners. Locally the 3- injection "Anatoxin" is used in combination with whooping cough vaccine. Little or no discomfort is caused the patient, nor have any toward symptoms been observed amongst the hundreds of children who have been immunised.

(vi) PEURPERAL SEPSIS

No cases were notified during the year.

(vii) C.S. MENINGITIS

(Page 35)

21 Cases, with case mortality rate of 20% were notified during the year. An unusually large number (6) occurred amongst Europeans, with 1 death.

(viii) LEPROSY

One native was notified as suffering from this disease, and was transferred to the Leper Asylum.

(ix) ACUTE POLIOMYELITIS

Benoni was singularly fortunate in not having had a single case of polio during the year under review.

(x) ENTERIC FEVER

(Page 35)

21 Cases (3 European, 3 Mining Natives and 15 Non Mining Native cases) occurred during the year. No one particular area was affected, the cases occurring sporadically throughout the municipal area.

4 Deaths from this disease occurred, giving a case Mortality Rate of 20%.

During/...





During the year 9,860 persons were immunised against this disease.

The practice instituted several years ago of subjecting all food handlers to the Vi Test continues, all Vi Positive Cases being presumed to be Enteric Fever carriers. These are excluded from food handling trades.

During the year 622 foodhandlers were subjected to the Vi Test. Of these 18 (2.9%) were found to be Vi Positive.

(xi) SMALL POX

No cases of small pox occurred during the year.

(xii) TUBERCULOSIS

(Pages 30, 31 and 36)

In the presence of a continuation of the causative factors, the incidence rate in the Non Mining Native population particularly, as is to be expected, remains high. These causative factors are poor feeding, bad housing, overcrowding, fatigue, etc. and lack of facilities for the proper isolation and segregation of sufferers and contacts. As long as this remains, so long will tuberculosis loom as a menace, not only to this section of the community, but to all members, irrespective of colour.

Public interest in this controllable disease would appear to be awakening at last. With the formation of local branches of S.A.N.T.A. throughout the country, it may well be that a settlement on the East Rand will be established in the not too distant future. Whilst many of the causative factors will still remain, nevertheless the provision of facilities for isolation of sufferers and contacts will at least help very considerably to lessen the spread of this scourge.

3. VENEREAL DISEASE (Pages 41 and 42)

The various clinics operating for the Non-European sections of the community continue to be extremely well patronised.

4. MATERNAL AND CHILD WELFARE

(Pages 38 and 39)

(a) The Ante-Natal, District Midwifery and Infant Welfare Clinics continue to be extremely well patronised, thus lending evidence of the vital role these services fulfil in the maintenance of the welfare and health of the future citizens.

(b) The various clinics operated by the Department were expanded during the year, by the opening of a new clinic building at the Apex Emergency Camp, to cater for the inhabitants resident there. Evidence of the need for such services is amply justified by perusal of the number of attendances at the various clinics.

(c)/...





(c) A further expansion in the Department's activities is to be noted in the appointment of 3 native midwives to operate in the location. This maternity service is additional to the service already provided by the Joint District Midwifery Service administered on behalf of the Town Councils of Benoni and Boksburg by the Boksburg-Benoni Hospital Board.

(d) Further expansion of the Department's activities is to be found in the contemplated erection of a clinic building to serve Northmead and its environs. The vast expansion occurring here merits the establishment of such a building to serve this neighbourhood. This building has been agreed to in principle and, it is hoped, building operations will commence as soon as funds are available.

## 5. FOODSTUFFS AND FOOD SHOPS

Continued attention was paid to the control of food handling in shops, cafes, restaurants, dairies, markets, market gardens, boarding houses and hotels.

All foodhandlers, European as well as Non-European, were screened and subjected to Vi Testing for the Enteric Fever Carrier State.

During the year 622 foodhandlers (of whom 60 were Europeans) were blood tested. Of these 18 (1 European), found to be Vi Positive were excluded from the foodhandling trade.

## 6. ABATTOIRS

(Page 51)

All meat intended for sale in Benoni is either slaughtered at the Municipal Abattoir, or if slaughtered at some other approved Abattoir, is re-inspected locally prior to being passed for human consumption.

Owing to the irregularity and the fluctuations in the numbers of animals sent to the abattoirs - factors over which the local authority has no control - the abattoir continued to show a large annual deficit which was met from general revenue.

## 7. MILK AND DAIRIES

(Pages 47 and 48)

All dairy premises, both within and without the municipal area, supplying milk to Benoni, other than those dairies situated within and controlled by other local authorities with a full time Medical Officer of Health, were regularly visited and inspected by the Department's Dairy Inspector and Veterinary Officer. Certain supplementary inspections were also made by the Medical Officer of Health. Advice was tendered and, where necessary, suitable action taken to ensure that none but a clean and safe milk supply was permitted to be introduced into Benoni.

ROUTINE/...





Routine Chemical Bacteriological and Visible Dirt Test examinations were undertaken throughout the year.

8. W A T E R   S U P P L Y

The supply of water for all premises situated within the townships is drawn from the Rand Water Board - an impeccable supply.

The semi-rural areas (e.g. Cloverdene) rely for their supplies on boreholes. The water from these sources is periodically subjected to both chemical and bacteriological analysis. Certain of the mines augment their domestic supply, drawn from Rand Water Board, by water, drawn from their own sources, for flushing and cleansing purposes.

9. N I G H T   S O I L   A N D   R E F U S E  
R E M O V A L   S E R V I C E S

The sewerage reticulation of Northmead continues to make progress. As at 30th June, 1952, 600 stands in this area have been connected to the sewers. It is anticipated that, during the year, the sewerage of the remaining areas (including Airfield) will have been greatly accelerated.

10. V E R M I N   C O N T R O L (Page 43)

The maintenance of anti-plague measures, including the maintenance of a rodent free belt around the town, continued without relaxation.

As usual special attention in the eradication of rodents was paid the location areas. Owing to the nature of conditions appertaining here rodents abound and flourish. Hence whilst complete eradication of rodents in these areas is impossible of achievement, nevertheless the rodent population is restricted to the minimum.

11. O T H E R   S E R V I C E S

(a) M U N I C I P A L   F I R E   B R I G A D E

Medical attention to members (and families) of the Fire Brigade is undertaken by the medical personnel of the Public Health Department.

(b) N A T I V E   E M P L O Y E E S

Prior to being accepted into Council's service, all prospective native employees are medically examined by the Department.

All Council's native employees received medical attention from the Department, except in those cases requiring hospitalisation.

(c)/...





(c) RACE WELFARE CLINIC

This clinic continues to serve a most useful purpose, particularly the poorer sections of the community.

(d) PASS OFFICE EXAMINATIONS (Page 40)

Routine medical examination of all natives registering for work locally, continued to be undertaken by the Public Health Department.

(e) HOSPITAL OUTPATIENT SERVICES (Page 40)

Hospital outpatient services for the residents of Benoni continued to be given by the Boksburg-Benoni Hospital Board in premises, made available for this purpose, by Council. These services operate for a limited period only each day (Saturdays, Sundays and Public Holidays excepted). Such a limited service is however quite inadequate for a town of the size and importance of Benoni, particularly when it is realised that specialist services are not available at these outpatients, but can only be obtained at the Hospital itself, situated at Boksburg. It is clear therefore that nothing short of a hospital in Benoni for Benonians will suffice.

(f) DENTAL CLINIC

Negotiations for the establishment of Dental Services for the needy of Benoni, have continued for many years past. At last these efforts have been crowned with success, and at long last arrangements have been completed for the clinic to commence operation. At this stage it is appropriate to record appreciation to the South African Red Cross Society for donating much of the equipment which will be used when the Clinic commences operation early in August.



S T A F F

The staff as at 30th June, 1952, was constituted as follows:-

PUBLIC HEALTH DEPARTMENT

Medical Officer of Health:	S.W. Adler M.B. Ch.B. (Liverpool); D.P.H. (Wits.); D.T.M. and H. (Wits.).
Assistant Medical Officer of Health:	R.F. Denholm M.B. Ch.B. (Cape); D.P.H. (Wits.)
Clinical Medical Officer: (Part Time)	B. Joffe M.B. Ch.B.
Veterinary Surgeon:	H.N. Botha B. Sc; B. Vsc.
Chief Health Inspector:	N. Youens R.S.I. (Advanced) Certificate Meat and Other Foods (R.S.I.) Certificate Tropical Hygiene.
Senior Health Inspectors:	P.J. Howett R.S.I.  C.F. Kingston R.S.I. Certificate Meat and Other Foods (R.S.I.)  J. Pretorius R.S.I. Certificate Meat and Other Foods (R.S.I.) Certificate Tropical Hygiene.  H.F. Smith R.S.I. Certificate Meat and Other Foods (R.S.I.) Certificate Tropical Hygiene.
Grade I Health Inspectors:	W. Coetzee R.S.I. Certificate Meat and Other Foods (R.S.I.)  K. Murray R.S.I. Certificate Meat and Other Foods (R.S.I.)  (1 Post Vacant)

Learner/...





Learner Health Inspector: W. Venter.

Vermin Officer: F. Chubb.

Health Visitors:

(Miss) G. Conradie  
R.S.I. (Health Visitors)  
Certificate S.A. Medical Council  
(Midwifery).

(Mrs.) E.M. Dinsdale  
R.S.I. (Health Visitors)  
Certificate S.A. Medical Council  
(General and Midwifery).

(Mrs.) B. Styles  
Certificate S.A. Medical Council  
(General and Midwifery).

Clerks:

(Miss) R. Heath  
(Mrs.) D. Hassett

Typistes:

(Miss) L. Bornman  
(Miss) R. Larney

ABATTOIRS

Superintendent:

J.R. Hamilton  
R.S.I. (Advanced)  
Certificate Meat and Other Foods  
(R.S.I.)  
Certificate Tropical Hygiene  
Certificate Sanitary Science  
(R.S.I.)  
Certificate Sanitary Engineers  
(R.S.I.)

Meat Inspector:

P.D. Krog  
R.S.I.  
Certificate Meat and Other Foods  
(R.S.I.)

Assistant Meat Inspector:

A.F. Laing  
R.S.I.  
Certificate Meat and Other Foods  
(R.S.I.)

Mechanics:

N. Arthur  
P. Seeley

By Products Attendant:

J.T. Bekker

Abattoir Cleaners:

J.F. Brandt  
H. van Staden

SANITARY DEPARTMENT

Sanitary and Compound Manager: C.R. Begley

Assistant: /...



Assistant Compound Manager:	C. Manos
Farrier:	J. Jones
Saddler:	D.G. Wolmarans
Wagon Smith:	C.B. Steenkamp
Sanitary Driver/Overseers:	H.G. Cloete J. Clark J. du Flooy J. Fox J. Jooste J. Opperman G. Meier H. Nieuwoudt B. van As J. Venter G. Verrall E. Williams
Sanitary Conveniences Attendants:	(Mrs.) E. Dowdeswell T. Flynn

NON EUROPEAN STAFF

Native Nurses:	(Mrs.) E. du Plessis Certificate S.A. Medical Council (General and Midwifery)
	(Miss) E. Peter Certificate S.A. Medical Council (General)
	(Mrs.) E. Putini Certificate S.A. Medical Council (Midwifery)
Native Midwives:	E. Nkomo Certificate S.A. Medical Council (Midwifery)
	E. Matsobane Certificate S.A. Medical Council (General and Midwifery)
	Y. Futini Certificate S.A. Medical Council (General and Midwifery)
Native Health Assistants:	J. Alberts F. Brink C. du Freez J. Hlathswayo





R E P O R T "B"

UPON THE HOUSING OF THE PEOPLE

(1) EUROPEAN HOUSING

During the year under review the following building activities took place in the township areas:-

- (i)(a) No. of dwellings erected..... 102.
- (b) Value of above..... £300,577.
- (ii)(a) No. of flats erected..... 4 blocks comprising 41 flats.
- (b) Value of above..... £81,250.
- (iii)(a) No. of business premises erected 99.
- (b) Value of above..... £363,029.
- (iv)(a) No. of additions and alterations to dwellings and flats..... 53.
- (b) Value of above..... £10,026.
- (v)(a) No. of additions and alterations to business premises..... 71.
- (b) Value of above..... £12,732.
- (vi) Total number and plans of building plans passed for year ended 30th June, '1952..... 338 plans value £902,552.

The progress in regard to the housing of the middle and upper income groups, to which reference was made in a previous report, has been well maintained. The housing of these groups is satisfactory.

Serious consideration must however now be given to the housing of the poorer section of the community. With the rapid expansion in industrialisation, there has been evident a large influx of the poorer, more lowly paid, type of family entering Benoni. These families require to be provided with housing at a lesser rent than is normally the case. But such housing is not available. The consequence is that families have had recourse to "doubling up". This "doubling up process" has been evident in areas, which up to a year or two ago, were singularly free from overcrowding. This picture is now however rapidly changing, and unless suitable housing is provided in the very near future for the lower income groups, slum conditions will soon occur in various parts of the township. In addition the backlog of housing will become so acute as to be almost impossible of solution. The trend of conditions noted in the previous report have now become a reality, and it seems pertinent to quote that report, which reads as follows:-

"Housing of the poorer sections of the community is most unsatisfactory, and it would appear that the time is fast approaching when consideration will have to be given towards an expansion of the present sub-economic housing scheme in order to cater for this section of the community".



(2) NATIVE HOUSING

The re-housing of natives in the Wattville Location area to which reference was made in the previous report when 520 houses had been completed, continued during the year by the completion of a further 523 houses.

Unfortunately no progress has yet been made with regard to the re-housing of natives living in squalor in the Apex Emergency Camp. Here the buildings, being of a temporary nature, are constructed of card-board, hessian, etc. etc. However it is to be sincerely hoped that land will soon be available, and when once obtained it is to be hoped that building operations will commence with the least possible delay.

Details regarding building operations in the native areas, are as set out under:-

1. (a) During the period, 1st July, 1951 to 30th June, 1952, 523 municipal economic houses were completed by the Council.  
(b) The cost per house was approximately £368.0.0.
2. (a) Twenty-three houses were privately completed during this period, and the houses were passed as being satisfactory.  
(b) The approximate value of these houses is £10,500.
3. No business premises were built by the Council during this period. Mention should, however, be made of the Wattville Post Office, which cannot be classified as a business premises.
4. (a) Six business premises were completed privately in the Benoni Native Township, and one business premise was completed privately in the Coloured Section.  
(b) The value of business premises in the Benoni Native Township is estimated to be about £3,600, and the business premises in the Coloured Section is estimated at £600.
5. During the period under review 29 sitcholders made alterations and additions to their existing houses. The difficulty of estimating accurately the value of these alterations and additions has been previously pointed out, but it is considered that the approximate value would be £1,450.





TOWN COUNCIL OF BENONI.

PUBLIC HEALTH DEPARTMENT

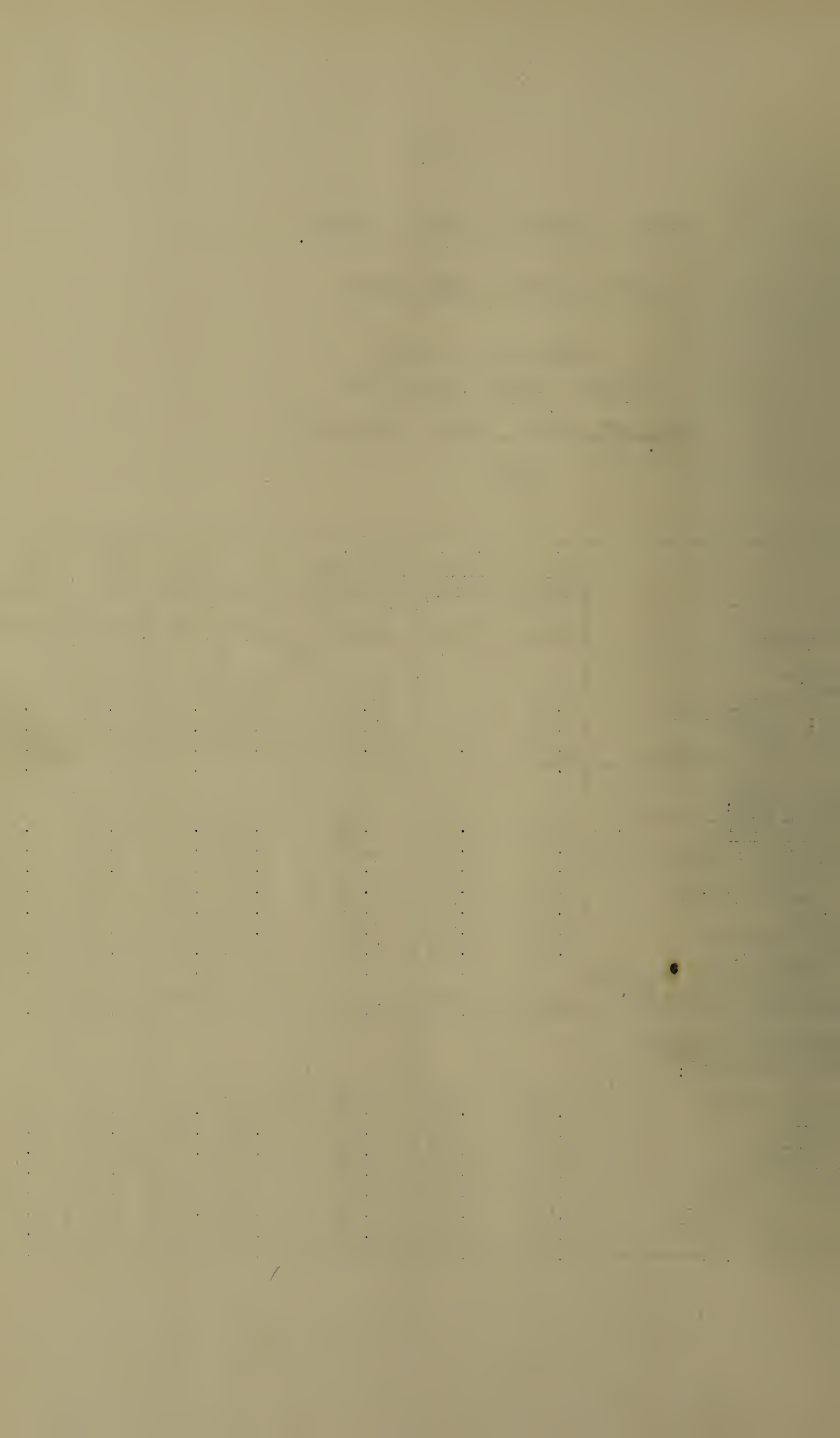
1951 - 1952

LEADING VITAL STATISTICS

FOR THE YEAR ENDED 30TH JUNE

1952

	EURO- PEANS	MINING NATIVES	NON MIN NATIVES	COL- OURED	ASI- ATIC	ALL NON- EUR.	ALL RACES
POPULATION	29100	13675	50425	3800	1500	69400	98,500
RATES:-							
BIRTH RATE	27.25	-	27.68	45.26	22.66	23.07	25.26
ILLEGITIMACY RATE	0.51	-	31.09	19.76	2.94	28.04	19.39
DEATH RATE	7.59	5.19	21.39	15.26	11.33	17.60	14.67
INFANTILE MORTALITY	38.27	-	358.17	116.28	88.24	320.59	227.38
DEATH RATES:-							
LUNG DISEASES (NON T.B.)	0.91	0.39	6.39	3.94	2.66	5.00	3.79
ENTERIC FEVER	0.04	0.00	0.06	0.00	0.00	0.04	0.04
ENTERITIS (UNDER 2 YRS)	0.10	0.00	6.64	3.33	2.66	5.07	3.60
PULMUNARY T.B.	0.16	0.51	1.17	0.87	0.66	1.02	0.76
T.B. (ALL FORMS)	0.20	0.95	1.23	1.31	0.66	1.18	0.88
CANCER	0.62	0.08	0.28	0.53	0.00	0.25	0.35
HEART DISEASE	2.73	0.54	1.72	2.12	2.66	1.59	1.86
SYPHILIS	0.00	0.00	0.17	0.00	0.00	0.13	0.09
ALL INFECTIOUS DISEASES (EXCLUDING SYPHILIS)	0.24	1.01	1.46	1.79	0.66	1.38	1.01
INFECTIOUS DISEASE INCIDENCE RATES:-							
SCARLET FEVER	1.13	0.00	0.00	0.00	0.00	0.00	0.33
MEASLES	9.37	0.22	2.06	3.42	3.30	1.80	4.00
PERTUSSIS	0.89	0.00	1.11	1.58	0.66	0.90	0.90
DIPHTHERIA	0.13	0.00	0.21	0.53	0.00	0.18	0.17
ENTERIC FEVER	0.10	0.22	0.28	0.00	0.00	0.26	0.21
C.S. MENINGITIS	0.20	0.36	0.18	0.00	0.66	0.22	0.21
T.B. (ALL FORMS)	0.27	1.24	1.20	2.37	0.00	1.91	1.42
PULMUNARY T.B.	0.21	0.95	0.99	2.10	0.00	1.59	1.17





POPULATION

(As supplied by the Director of Census)

	MALE	FEMALE	TOTAL	TOTAL AS AT 30/6/1951	TOTAL AS AT 30/6/1942
ALL RACES	57,700	40,800	98,500	93,438	85,600
EUROPEAN	14,500	14,600	29,100	28,082	21,300
MIN NATIVES	13,675	-	13,675	10,800	34,100
NON MIN NATIVES	26,825	23,600	50,425	49,700	27,000
COLOURED AND CAPE MALAYS	1,900	1,900	3,800	3,470	2,100
ASIATICS	800	700	1,500	1,386	1,100
ALL NON-EUROPEANS	43,200	26,200	69,400	65,356	64,300

BIRTHS

(a)

TOTAL IN MONTHS

	EUROPEAN			NON MIN NAT			COLOURED			ASIATIC			ALL RACES		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
JULY	37	37	74	47	60	107	6	7	13	2	1	3	92	105	197
AUGUST	23	42	65	49	56	105	4	5	9				76	103	179
SEPTEMBER	42	25	67	46	50	96	5	4	9				93	79	172
OCTOBER	31	33	64	65	67	132	3	4	7	3	2	5	102	106	208
NOVEMBER	29	31	60	74	70	144	6	5	11	0	2	2	109	108	217
DECEMBER	33	29	62	62	67	129	10	10	20	2	5	7	107	111	218
JANUARY	34	38	72	72	60	132	12	6	18	1	4	5	119	108	227
FEBRUARY	39	39	78	56	36	92	10	10	20	4	0	4	109	85	194
MARCH	21	28	49	54	55	109	5	9	14				80	92	172
APRIL	31	25	56	49	71	120	9	5	14	3	1	4	92	102	194
MAY	41	37	78	66	55	121	5	6	11	0	3	3	112	101	213
JUNE	30	31	61	56	53	109	17	9	26	1	0	1	104	93	197
TOTAL	391	395	786	696	700	1396	92	80	172	16	18	34	1195	1193	2388

(b)

TOTAL ILLEGITIMATE BIRTHS

	EUROPEAN	NON MIN NAT	COLOURED	ASIATIC	TOTAL
MALE	0	212	16	0	228
FEMALE	4	212	18	1	235
TOTAL	4	424	34	1	463



(c)

TOTAL BIRTHS IN DISTRICTS

	EUROPEAN			NON MIN NAT			COLOURED			ASIATIC			ALL RACES		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
OWNSHIP AND															
WESTDENE	198	215	413	42	32	74	0	3	3				240	250	490
ORTHMEAD	84	65	149	17	14	31							101	79	180
ERFIELD	25	31	56	1	4	5							26	35	61
NFIELD	25	13	38	3	2	5							23	15	43
RRARMERE AND															
VT. VILLAGE	12	14	26										12	14	26
MI-RURAL AREAS	15	11	26	5	7	12	1	0	1				21	18	39
W KLEINFONTEIN	4	9	13	5	3	8							9	12	21
ODDER BEE	4	6	10	1	4	5	3	5	8	0	1	1	3	16	24
ODDER EAST	3	1	4	2	3	5	0	1	1				5	5	10
ODDER DEEP	5	3	8	1	2	3							6	5	11
W MODDER	7	10	17	4	0	4	4	4	8				15	14	29
N RYN ESTATE	4	7	11	4	1	5	1	0	1	1	0	1	10	8	18
N RYN DEEP	5	10	15	2	2	4							7	12	19
CATIONS				609	626	1235	83	67	150	15	17	32	707	710	1417
TOTAL	391	395	786	696	700	1396	92	80	172	16	18	34	1195	1193	2388

(d)

BIRTH RATES ETC.

	BIRTH RATES BIRTHS PER 1000 POPULATION	ILLEGITIMACY RATES %AGE ILLEGITIMATE TO TOTAL BIRTHS	MASCULINITY RATES	
			MALE	FEMALE
ROPEAN	27.25	0.51	100	101
N MIN NAT (X)	27.68	31.09	100	100
LOURED	45.26	19.76	100	87
IATIC	22.66	2.94	101	100
L NON EUROPEANS (X)	23.07	23.04	100	112
L RACES (X)	25.26	19.39	100	100

(Note:- (X) excludes mining natives)





DEATHS

(a) TOTAL DEATHS IN MONTHS

	EUROPEAN			MIN NAT	NON H.	MIN F.	NAT T.	COLOURED			ASIATIC			ALL RACES		
	M.	F.	T.					M.	F.	T.	M.	F.	T.	M.	F.	T.
JULY	17	5	22	7	39	20	59	1	4	5	2	1	3	66	30	96
AUGUST	17	7	24	3	42	28	70	0	4	4	1	1	2	63	40	103
SEPTEMBER	5	7	12	4	25	21	46	4	1	5	1	0	1	39	29	68
OCTOBER	12	7	19	3	51	37	88	1	1	2				67	45	112
NOVEMBER	15	8	23	9	69	60	129	2	2	4	0	1	1	95	71	166
DECEMBER	11	10	21	2	37	37	174	4	4	8	1	2	3	105	103	208
JANUARY	5	8	13	6	80	64	144	0	5	5	1	2	3	92	79	171
FEBRUARY	8	8	16	5	36	43	79	3	1	4	0	1	1	52	53	105
MARCH	6	6	12	8	42	31	73	4	2	6				60	39	99
APRIL	9	8	17	9	47	48	95	2	2	4	1	0	1	68	53	126
MAY	15	6	21	8	35	29	64	2	1	3	1	1	2	61	37	98
JUNE	8	12	20	7	31	27	58	4	4	8				50	43	93
TOTAL	128	92	220	71	534	495	1099	27	31	58	8	9	17	318	627	1445

(b) TOTAL DEATHS IN DISTRICTS

	EUROPEAN			MIN NAT	NON M.	MIN F.	NAT T.	COLOURED			ASIATIC			ALL RACES		
	M.	F.	T.					M.	F.	T.	M.	F.	T.	M.	F.	T.
TOWNSHIP AND WEST- DENE	72	60	132		22	5	27	2	0	2				96	65	161
NORTHMEAD	21	12	33		2	1	3							23	13	36
AIRFIELD	3	1	4		1	1	2	1	0	1				5	2	7
RYNFIELD	6	5	11		4	0	4							10	5	15
FARRARMERE AND GOVT. VILLAGE	3	0	3		1	0	1							4	0	4
SEMI-RURAL AREAS	6	2	8		5	1	6							11	3	14
NEW KLEIN- FONTEIN	1	1	2	38	2	1	3				1	0	1	42	2	44
MODDER BEE	4	2	6	13	2	3	5	2	1	3				21	6	27
MODDER EAST	3	2	5	12	1	2	3	1	0	1				17	4	21
MODDER DEEP				1				1	0	1				2	0	2
NEW MODDER	5	3	8	4				2	2	4				11	5	16
VAN RYN ESTATE	3	2	5	3	2	0	2							8	2	10
VAN RYN DEEP	1	2	3											1	2	3
LOCATIONS					542	481	1023	18	28	46	7	9	16	567	513	1085
TOTAL	128	92	220	71	534	495	1079	27	31	58	8	9	17	318	627	1445





(c)

DEATH RATES

(DEATHS PER 1,000 POPULATION)

	MALE	FEMALE	TOTAL
EUROPEAN	8.82	6.30	7.59
MINING NATIVES	5.19	-	5.19
NON MINING NATIVES	21.77	20.97	21.39
COLOURED	14.21	16.31	15.26
ASIATIC	10.00	12.86	11.33
ALL NON-EUROPEANS	16.20	20.42	17.60
ALL RACES	14.18	15.36	14.67

(b)

DEATHS : TOTAL IN AGE GROUPS

	EUROPEAN			MIN NAT	NON MIN NAT			COLOURED			ASIATIC			ALL RACES		
	M.	F.	T.		M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
UNDER 1 YR	21	9	30		261	229	490	11	9	20	1	2	3	294	249	543
1 YEAR	4	1	5		70	74	144	3	7	10	0	1	1	77	83	160
2 YEARS	1	0	1		19	18	37				1	0	1	21	18	39
3 "					6	5	11							6	5	11
4 "	1	1	2		6	6	12							7	7	14
5-9 YEARS	1	2	3		13	17	30	1	0	1				15	19	34
10-14 "	0	1	1		4	5	9	0	2	2	1	1	2	5	9	14
15-19 "	2	0	2	1	7	6	13				1	0	1	11	6	17
20-24 "	4	2	6	12	15	7	22	0	1	1	0	1	1	31	11	42
25-29 "	5	3	8	8	19	15	34	1	1	2				33	19	52
30-34 "	1	3	4	15	29	23	52	2	2	4	0	1	1	47	29	76
35-39 "	6	4	10	9	26	13	39	0	1	1				41	18	59
40-44 "	6	3	9	13	20	8	28	1	2	3	1	0	1	41	13	54
45-49 "	7	5	12	6	16	12	28	0	1	1	1	1	2	30	19	49
50-54 "	8	7	15	3	17	10	27	4	0	4	1	1	2	33	18	51
55-59 "	6	3	9	2	7	6	13							15	9	24
60-64 "	20	9	29	1	9	11	20	1	1	2	0	1	1	32	21	53
65-69 "	11	10	21	1	16	7	23	1	1	2				29	18	47
70-74 "	10	10	20		6	7	13	2	2	4	1	0	1	19	19	38
75-79 "	7	7	14		7	7	14							14	14	28
80 UP	7	12	19		11	9	20	0	1	1				18	22	40
TOTAL	128	92	220	71	584	495	1079	27	31	58	8	9	17	818	627	1445



DETAILED CAUSES OF DEATH

	EUROPEAN			MIN	NON	MIN	NAT	COLOURED			ASIATIC			ALL RACES		
	M.	F.	T.	NAT	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
1. <u>INFECTIOUS AND PARASITIC DISEASES:-</u>																
001. TYPHOID	1	0	1		2	1	3							3	1	4
008. C.S. MENINGI-TIS	1	0	1	1	2	0	2							4	0	4
011. Pertussis	1	0	1		0	2	2							1	2	3
012. Diphtheria	1	0	1		0	1	1	0	1	1				1	2	3
<u>TUBERCULOSIS:-</u>																
015. Pulmonary	1	1	2	7	32	27	59	1	3	4	0	1	1	41	32	73
016. C.N.S.	0	1	1	2				1	0	1				3	1	4
017. Intestinal				3										3	0	3
018. Vertebral					1	0	1							1	0	1
021. Lymphatic					0	1	1	0	1	1				0	2	2
022. Urinary				1										1	0	1
024. Miliary					0	1	1							0	1	1
027. Septicaemia					1	0	1							1	0	1
032. Bacillary Dysentery					2	1	3							2	1	3
042. Aneurysm					0	2	2							0	2	2
043. Cong. Syphilis					3	2	5							3	2	5
044. Other "					1	1	2							1	1	2
048. Influenzal Pneumonia	1	0	1	6	7	4	11				0	1	1	14	5	19
054. Tick Fever					0	1	1							0	1	1
075. Hodgkin's Disease	1	0	1											1	0	1
TOTAL	7	2	9	20	51	44	95	2	5	7	0	2	2	80	53	133





## DETAILED CAUSES OF DEATH CONTINUED

[illegible]



DETAILED CAUSES OF DEATH CONTINUED

	EUROPEAN			MIN	NON	MIN	NAT	COLOURED			ASIATIC			ALL RACES		
	M.	F.	T.	NAT	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
<u>5. CHRONIC INTOXICATION:-</u>																
250. Acute Alcoholism	1	0	1											1	0	1
<u>6. DISEASES OF THE C.N.S.:-</u>																
300. Cerebral Abscess					0	2	2							0	2	2
<u>MENINGITIS:-</u>																
302. Pneumococcal	1	0	1	1	1	0	1							3	0	3
303. Others	1	0	1		2	0	2							3	0	3
305. Haemorrhage	1	5	6	1	1	3	4	0	1	1	0	1	1	3	10	13
306. Thrombosis	0	3	3		2	4	6							2	7	9
309. Epilepsy	2	0	2		2	2	4							4	2	6
317. Mastoiditis					0	1	1							0	1	1
TOTAL	5	8	13	2	8	12	20	0	1	1	0	1	1	15	22	37
<u>7. CIRCULATORY DISEASE:-</u>																
<u>PERICARDITIS:-</u>																
350. Chronic	1	0	1											1	0	1
351. Other	1	0	1											1	0	1
352. Endocarditis								1	0	1				1	0	1
<u>VALVULAR:-</u>																
353. Rheumatic					3	1	4							3	1	4
354. Other				1	4	0	4	0	1	1				5	1	6
<u>MYOCARDITIS:-</u>																
356. Rheumatic	0	1	1		2	3	5							2	4	6
357. Chronic	25	18	43	4	34	24	58	4	2	6	2	1	3	60	45	114
358. Coronary Disease	15	5	20	2	4	0	4	1	0	1	0	1	1	22	6	28
361. Aneurysm	4	0	4											4	0	4
362. Arterio Sclerosis	3	1	4		1	1	2							4	2	6
363. Gangrene	1	0	1											1	0	1
367. Hyperpiesis	1	3	4		0	0	0							1	11	12
TOTAL	51	28	79	7	48	37	85	6	3	9	2	2	4	114	70	184





DETAILED CAUSES OF DEATH CONTINUED

	EUROPEAN			MIN	NON MIN NAT			COLOURED			ASIATIC			ALL RACES		
	M.	F.	T.	NAT	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
8. RESPIRATORY DISEASE:-																
BRONCHITIS:-																
402. Acute					0	3	3							0	3	3
403. Chronic	2	1	3		1	1	2							3	2	5
PNEUMONIA:-																
404. Broncho	6	4	10	3	120	134	254	3	9	12	1	0	1	141	147	288
405. Lobar	1	2	3	2	32	15	47	2	0	2	1	1	2	33	18	51
406. Unspecified	1	1	2		1	1	2							2	2	4
407. Empyema	1	0	1		0	1	1							1	1	2
408. Pleurisy	1	0	1											1	0	1
409. Infarction	1	3	4		3	1	4							4	4	8
411. Asthma	1	0	1		1	1	2	0	1	1				2	2	4
413. Phthisis	2	0	2											2	0	2
413. Other Diseases					1	0	1							1	0	1
TOTAL	16	11	27	5	167	157	324	5	10	15	2	1	3	195	179	374
9. ALIMENTARY DISEASE:-																
ENTERITIS:-																
451. Septic Throat	1	0	1	1										2	0	2
453. Under 2	3	0	3		179	156	335	6	7	13	1	3	4	189	166	355
459. Over 2	0	1	1		14	11	25							14	12	26
460. Ulceration	1	0	1	1	1	0	1							3	0	3
461. Appendicitis	0	1	1		0	1	1							0	2	2
463. Obstruction	1	2	3		1	0	1							2	2	4
CIRRHOISIS:-																
465. Alcoholic				1	1	0	1				1	0	1	3	0	3
467. Non Alcoholic					2	1	3							2	1	3
470. Cholelithiasis	0	1	1											0	1	1
471. Cholecystitis	0	1	1											0	1	1
473. Peritonitis					2	0	2							2	0	2
TOTAL	6	6	12	3	200	169	369	6	7	13	2	3	5	217	185	402



## DETAILED CAUSES OF DEATH CONTINUED

	EUROPEAN			MIN	NON MIN			NAT COLOURED			ASIATIC			ALL RACES		
	M.	F.	T.	NAT	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
<b>10. URINARY DISEASE:-</b>																
<b>NEPHRITIS:-</b>																
500. Acute	1	0	1	1										2	0	2
501. Chronic	1	2	3	1	1	6	7							3	8	11
502. Unspecified	1	0	1		0	1	1							1	1	2
512. Parametritis					0	1	1							0	1	1
<b>TOTAL</b>	<b>3</b>	<b>2</b>	<b>5</b>	<b>2</b>	<b>1</b>	<b>8</b>	<b>9</b>							<b>6</b>	<b>10</b>	<b>15</b>
<b>11. DISEASES OF PREGNANCY:-</b>																
565. Haemorrhage					0	1	1							0	1	1
<b>14. CONGENITAL MALFORMATIONS:-</b>																
700. Hydrocephalus	0	1	1		0	1	1							0	2	2
703. Monstrosities	0	1	1											0	1	1
704. Pyloric Stenosis	1	0	1											1	0	1
709. Unspecified					0	1	1							0	1	1
<b>TOTAL</b>	<b>1</b>	<b>2</b>	<b>3</b>		<b>0</b>	<b>2</b>	<b>2</b>							<b>1</b>	<b>4</b>	<b>5</b>
<b>15. DISEASES OF 1st YEAR OF LIFE:-</b>																
750. Debility					0	1	1							0	1	1
751. Prematurity	7	3	10		29	23	52	3	0	3				39	26	65
752. Injury at Birth	1	0	1		5	1	6							6	1	7
754. Atelectasis	3	1	4		5	3	8	1	2	3				9	6	15
756. Infection					0	1	1							0	1	1
757. Melaena					0	1	1							0	1	1
758. Other Diseases	3	1	4		1	1	2	1	0	1				5	2	7
<b>TOTAL</b>	<b>14</b>	<b>5</b>	<b>19</b>		<b>40</b>	<b>31</b>	<b>71</b>	<b>5</b>	<b>2</b>	<b>7</b>				<b>59</b>	<b>38</b>	<b>97</b>
<b>16. SENILITY:-</b>																
800. Senility	1	5	6		4	5	9							5	10	15





DETAILED CAUSES OF DEATH CONTINUED

	EUROPEAN			MIN NAT	NON MIN NAT			COLOURED			ASIATIC			ALL RACES		
	M.	F.	T.		M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
17. ACCIDENTAL DEATHS:- SUICIDE BY:-																
851. Narcotic Drugs	0	1	1											0	1	1
852. Other Drugs	0	1	1											0	1	1
856. Hanging					1	1	2							1	1	2
858. Firearms	4	1	5											4	1	5
HOMICIDE BY:-																
865. Firearms					1	0	1							1	0	1
866. Stabbing				3	14	1	15	0	1	1				17	2	19
867. Others				1	1	1	2							2	1	3
ACCIDENTAL:-																
868. Railways Car Collisions with:-	2	0	2		2	2	4							4	2	6
869. Trains	2	0	2											2	0	2
871. Others	0	2	2		3	0	3	1	0	1	1	0	1	5	2	7
880. Mining				22										22	0	22
886. Machinery					3	0	3							3	0	3
888. Gassing				1	2	0	2							3	0	3
891. Burns					3	1	4							3	1	4
892. Suffocation					1	0	1							1	0	1
893. Drowning					1	0	1				1	0	1	2	0	2
901. Cold				1										1	0	1
903. Lightning				1										1	0	1
904. Electricity	1	0	1	1										2	0	2
TOTAL	9	5	14	30	32	6	38	1	1	2	2	0	2	74	12	86
19. ILL DEFINED CAUSES:-																
951. Ill defined					4	4	8	1	0	1				5	4	9
953. Unspecified Causes	3	3	6		13	10	23							16	13	29
TOTAL	3	3	6		17	14	31	1	0	1				21	17	38



# 1. V I O L E N C E

(a)

## TOTAL DEATHS : ALL CAUSES

	EUROPEAN			MIN	NON MIN NAT			COLOURED			ASIATIC			ALL RACES		
	M.	F.	T.	NAT	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
UICIDE	4	3	7		1	1	2							5	4	9
OMICIDE				4	16	2	18	0	1	1				20	3	23
INE ACCIDENTS				22										22	0	22
OTHER ACCIDENTS	5	2	7	4	15	3	18	1	0	1	2	0	2	27	5	32
TOTAL	9	5	14	30	32	6	38	1	1	2	2	0	2	74	12	86

(b)

## DEATHS IN AGE GROUPS

	EUROPEAN			MIN	NON MIN NAT			COLOURED			ASIATIC			ALL RACES		
	M.	F.	T.	NAT	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
UNDER 1 YEAR														2	0	2
- 4 YEARS	1	0	1		1	0	1							0	1	1
- 9 YEARS	0	1	1											2	0	2
0 - 14 YEARS					1	0	1				1	0	1	2	0	2
5 - 19 YEARS					1	0	1				1	0	1	2	0	2
0 - 24 YEARS	2	1	3	5	3	0	3							10	1	11
5 - 29 YEARS	2	0	2	6	4	0	4							12	0	12
0 - 34 YEARS	0	2	2	13	12	3	15	1	1	2				26	6	32
5 - 39 YEARS	2	1	3	3	4	0	4							9	1	10
0 - 44 YEARS				2	3	1	4							5	1	6
5 - 49 YEARS	1	0	1	1	1	1	2							3	1	4
0 - 54 YEARS																
5 - 59 YEARS																
0 - 64 YEARS	1	0	1		2	0	2							3	0	3
5 - 69 YEARS																
70 UP					0	1	1							0	1	1
TOTAL	9	5	14	30	32	6	38	1	1	2	2	0	2	74	12	86

(c) DEATHS PER 1,000 POPULATION PER ANNUM

	MALES	FEMALES	TOTAL
EUROPEANS	0.62	0.35	0.47
MINING NATIVES	1.03	-	1.03
NON MINING NATIVES	1.19	0.25	0.75
COLOURED	0.53	0.53	0.53
ASIATIC	2.50	0.00	1.33
ALL NON EUROPEAN	1.50	0.29	1.04
ALL RACES	1.22	0.29	0.87





## 2. HEART DISEASE

### (a) TOTAL DEATHS : CAUSES

	EUROPEAN			MIN	NON	MIN	NAT	COLOURED			ASIATIC			ALL RACES		
	M.	F.	T.	NAT	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
PERICARDITIS	2	0	2											2	0	2
ENDOCARDITIS								1	0	1				1	0	1
MYOCARDITIS	25	19	44	4	36	27	63	4	2	6	2	1	3	71	49	120
VALVULAR DISEASES				1	7	1	8	0	1	1				8	2	10
CORONARY DISEASES	15	5	20	2	4	0	4	1	0	1	0	1	1	22	6	28
OTHER DISEASES	9	4	13		1	9	10							6	13	19
TOTAL	51	28	79	7	48	37	85	6	3	9	2	2	4	114	70	184

### (b) DEATHS IN AGE GROUPS

	EUROPEAN			MIN	NON	MIN	NAT	COLOURED			ASIATIC			ALL RACES		
	M.	F.	T.	NAT	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
0 - 14 YEARS								1	0	1				1	0	1
15 - 19 YEARS	1	0	1		2	1	3							3	1	4
20 - 24 YEARS					1	2	3							1	2	3
25 - 29 YEARS	0	1	1		0	1	1	0	1	1				0	3	3
30 - 34 YEARS				1	3	3	6	1	0	1				5	3	8
35 - 39 YEARS	2	0	2	2	4	4	8							8	4	12
40 - 44 YEARS	2	1	3	1	3	2	5				1	0	1	7	3	10
45 - 49 YEARS	2	1	3	1	3	4	7							6	5	11
50 - 54 YEARS	5	2	7		8	2	10	1	0	1				14	4	18
55 - 59 YEARS	5	0	5		3	2	5				0	1	1	8	3	11
60 - 64 YEARS	11	4	15	1	2	6	8	1	0	1				15	10	25
65 - 69 YEARS	7	3	10	1	9	2	11	0	1	1	0	1	1	18	6	24
OVER 70 YEARS	16	16	32		10	8	18	2	1	3	1	0	1	29	25	54
TOTAL	51	28	79	7	48	37	85	6	3	9	2	2	4	114	70	184

### (c) DEATH RATES PER 1,000 POPULATION PER ANNUM

	MALE	FEMALE	TOTAL
EUROPEAN	3.52	1.93	2.73
MINING NATIVES	0.54	-	0.54
NON MINING NATIVES	1.83	1.57	1.72
COLOURED	3.16	1.08	2.12
ASIATIC	2.50	2.86	2.66
ALL NON EUROPEAN	1.45	1.60	1.59
ALL RACES	1.99	1.71	1.85



3. C A N C E R

(a) DEATHS IN AGE GROUPS

	EUROPEAN			MIN	NON MIN NAT			COLOURED			ASIATIC			ALL RACES		
	M.	F.	T.	NAT	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
0 - 14 YEARS																
15 - 19 YEARS																
20 - 24 YEARS				1	1	0	1							2	0	2
25 - 29 YEARS					1	1	2							1	1	2
30 - 34 YEARS	0	1	1		1	1	2							1	2	3
35 - 39 YEARS	0	1	1		1	0	1							1	1	2
40 - 44 YEARS					1	0	1							1	0	1
45 - 49 YEARS	2	2	4		0	1	1	0	1	1				2	4	6
50 - 54 YEARS	1	0	1		0	1	1	1	0	1				2	1	3
55 - 59 YEARS	0	1	1		0	1	1							0	2	2
60 - 64 YEARS	2	1	3		0	1	1							2	2	4
65 - 69 YEARS	0	2	2		1	0	1							1	2	3
OVER 70 YEARS	4	1	5		2	0	2							6	1	7
TOTAL	9	9	18	1	8	6	14	1	1	2				19	16	35

(b) DEATH RATES PER 1,000 POPULATION PER ANNUM

	MALE	FEMALE	TOTAL
EUROPEAN	0.62	0.63	0.62
MINING NATIVES	0.08	-	0.08
NON MINING NATIVES	0.29	0.26	0.28
COLOURED	0.53	0.53	0.53
ASIATIC	0.00	0.00	0.00
ALL NON EUROPEAN	0.25	0.26	0.25
ALL RACES	0.33	0.39	0.35





4. RESPIRATORY DISEASE (INCLUDING INFLUENZAL PNEUMONIA)

(a) TOTAL DEATHS : CAUSES

	EUROPEAN			MIN	NON MIN NAT			COLOURED			ASIATIC			ALL RACES		
	M.	F.	T.	NAT	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
BRO NCHITIS	2	1	3		1	4	5							3	5	8
PNEUMONIA (ALL FORMS)	8	7	15	5	161	150	311	5	9	14	2	1	3	181	167	348
OTHER DISEASES	6	3	9		5	3	8	0	1	1				11	7	18
TOTAL	16	11	27	5	167	157	324	5	10	15	2	1	3	195	179	374

(b) DEATHS IN AGE GROUPS

	EUROPEAN			MIN	NON MIN NAT			COLOURED			ASIATIC			ALL RACES		
	M.	F.	T.	NAT	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
UNDER 1 YEAR	3	2	5		79	78	157	2	3	5	1	0	1	85	83	168
1 - 4 YEARS	2	1	3		37	41	78	1	4	5				40	46	86
5 - 9 YEARS					6	4	10							6	4	10
10 - 14 YEARS					1	6	7							1	6	7
15 - 19 YEARS					2	3	5							2	3	5
20 - 24 YEARS				4	5	4	9							9	4	13
25 - 29 YEARS					3	1	4							3	1	4
30 - 34 YEARS	1	1	2		3	3	6							4	4	8
35 - 39 YEARS	0	1	1		6	5	11				0	1	1	6	7	13
40 - 44 YEARS	0	1	1		4	0	4	0	2	2				4	3	7
45 - 49 YEARS	1	0	1	1	4	1	5				0	1	1	6	1	7
50 - 54 YEARS	2	0	2		6	1	7	1	0	1	0	1	1	9	2	11
55 - 59 YEARS					0	1	1							0	1	1
60 - 64 YEARS	2	1	3		3	2	5	0	1	1				5	4	9
65 - 69 YEARS	2	2	4		3	2	5	1	0	1				6	4	10
OVER 70 YEARS	3	2	5		5	4	9							8	6	14
TOTAL	16	11	27	5	167	157	324	5	10	15	2	1	3	195	179	374

(c) DEATHS PER 1,000 POPULATION PER ANNUM

	MALE	FEMALE	TOTAL
EUROPEAN	1.10	0.75	0.91
MINING NATIVES	0.39	-	0.39
NON MINING NATIVES	6.22	6.64	6.39
COLOURED	2.63	5.26	3.94
ASIATIC	2.50	2.66	2.66
ALL NON EUROPEAN	4.14	6.41	5.00
ALL RACES	3.30	4.39	3.79



5. I N F A N T I L E M O R T A L I T Y

(a) DEATHS IN MONTHS

	EUROPEAN			NON MIN NAT			COLOURED			ASIATIC			ALL RACES		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
JULY	1	0	1	14	8	23	0	1	1	1	0	1	15	11	26
AUGUST	1	2	3	14	10	24	0	2	2				15	14	29
SEPTEMBER				7	5	12	1	0	1				8	5	13
OCTOBER	2	2	4	22	12	34	1	0	1				25	14	39
NOVEMBER	2	0	2	39	40	79	1	1	2	0	1	1	42	42	84
DECEMBER	4	2	6	49	49	98	2	1	3				55	52	107
JANUARY	1	1	2	39	24	63	0	2	2	0	1	1	40	28	68
FEBRUARY	2	0	2	19	18	37	3	0	3				24	18	42
MARCH				14	10	24	1	0	1				15	10	25
APRIL	3	0	3	18	25	43	1	0	1				22	27	47
MAY	5	0	5	16	13	29	0	1	1				21	14	35
JUNE	0	2	2	10	14	24	1	1	2				11	17	28
TOTAL	21	9	30	261	229	490	11	9	20	1	2	3	294	249	543

(b) CAUSES OF DEATH

	EUROPEAN			NON MIN NAT			COLOURED			ASIATIC			ALL RACES		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
001. TYPHOID				1	0	1							1	0	1
011. PERTUSSIS				0	1	1							0	1	1
015. PULM. T.B.				2	1	3							2	1	3
043. SYPHILIS				3	2	5							3	2	5
048. INFLUENZA				0	1	1							0	1	1
163. MALNUTRITION				3	0	3							3	0	3
303. MENINGITIS				1	0	1							1	0	1
317. MASTOIDITIS				0	1	1							0	1	1
402. BRONCHITIS				0	2	2							0	2	2
404. BRONCHO PNEUMONIA	3	2	5	74	71	145	2	3	5	1	0	1	80	76	156
405. LOBAR PNEUMONIA				5	4	9							5	4	9
406. UNSPECIFIED PNEUMONIA				0	1	1							0	1	1
453. ENTERITIS	3	0	3	132	111	243	4	4	8	0	2	2	139	117	256
700. HYDROCEPHALUS	0	1	1										0	1	1
703. MONSTROSITIES	0	1	1										0	1	1
704. PYLORIC STENOSIS	1	0	1										1	0	1
951. ILL DEFINED CAUSES				0	1	1							0	1	1
750. DEBILITY				0	1	1							0	1	1
751. PREMATUREITY	7	3	10	29	24	53	3	0	3				39	27	66
752. BIRTH INJURY	1	0	1	5	1	6							6	1	7
754. ATELECTASIS	3	1	4	5	3	8	1	2	3				9	6	15
756. INFECTIONS				0	1	1							0	1	1
757. MELAEANA				0	1	1							0	1	1
758. OTHER CAUSES	3	1	4	1	1	2	1	0	1				5	2	7
709. CONG. DEFORMITY				0	1	1							0	1	1
TOTAL	21	9	30	261	229	490	11	9	20	1	2	3	294	249	543





(c) DEATHS IN AGE GROUPS

	EUROPEAN			NON MIN NAT			COLOURED			ASIATIC			ALL RACES		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
1st DAY	9	6	15	23	18	41	2	2	4				34	26	60
1st WEEK	6	1	7	19	20	39	2	0	2				27	21	48
2nd WEEK				7	8	15							7	8	15
3rd WEEK				6	3	9							6	3	9
MONTH	1	0	1	13	13	26	0	1	1	0	1	1	14	15	29
- 3 MONTHS				53	49	102	4	0	4	0	1	1	57	50	107
- 5 MONTHS	3	1	4	42	36	78	0	6	6				45	43	88
- 8 MONTHS	0	1	1	67	45	112	1	0	1	1	0	1	69	46	115
- 12 MONTHS	2	0	2	31	37	68	2	0	2				35	37	72
TOTAL	21	9	30	261	229	490	11	9	20	1	2	3	294	249	543

(d) INFANTILE MORTALITY RATES

	MALE	FEMALE	TOTAL
EUROPEAN	53.70	22.77	38.27
NON MIN NATIVES	375.00	327.14	358.17
COLOURED	119.63	112.25	116.28
ASIATIC	62.50	111.11	83.24
ALL NON EUROPEAN	339.55	300.75	320.59
ALL RACES	246.95	208.70	227.38

6. ENTERITIS (UNDER 2 YEARS)

DEATHS IN MONTHS

	EUROPEAN			NON MIN NAT			COLOURED			ASIATIC			ALL RACES		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
JULY				4	1	5							4	1	5
AUGUST				1	1	2	0	1	1				1	2	3
SEPTEMBER				0	3	3							0	3	3
OCTOBER				7	5	12							7	5	12
NOVEMBER	1	0	1	38	29	67	0	2	2	0	1	1	40	31	71
DECEMBER	2	0	2	48	48	96	2	2	4	1	0	1	53	50	103
JANUARY				40	27	67	0	1	1	0	1	1	41	28	69
FEBRUARY				17	12	29	2	0	2				19	12	31
MARCH				7	8	15	2	0	2				9	8	17
APRIL				7	13	20							7	13	20
MAY				9	6	15	0	1	1	0	1	1	9	8	17
JUNE				1	3	4							1	3	4
TOTAL	3	0	3	179	156	335	6	7	13	1	3	4	189	166	355



7. PULMONARY T.B. (INCLUDING 413)

(a) DEATHS IN MONTHS

	EUROPEAN			MIN	NON	MIN	NAT	COLOURED			ASIATIC			ALL RACES		
	M.	F.	T.	NAT	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
JULY	1	0	1		1	0	1							2	0	2
AUGUST				1	2	0	2							3	0	3
SEPTEMBER	1	0	1		1	6	7	1	0	1				3	6	9
OCTOBER	1	0	1		3	3	6	0	1	1				4	4	8
NOVEMBER				1	5	2	7							6	2	8
DECEMBER					4	2	6							4	2	6
JANUARY					1	4	5	0	2	2	0	1	1	3	5	8
FEBRUARY	0	1	1		4	4	8							4	5	9
MARCH				1	2	1	3							3	1	4
APRIL				3	3	2	5							6	2	8
MAY				1	5	2	7							6	2	8
JUNE					1	1	2							1	1	2
TOTAL	3	1	4	7	32	27	59	1	3	4	0	1	1	43	32	75

(b) DEATHS IN AGE GROUPS

	EUROPEAN			MIN	NON	MIN	NAT	COLOURED			ASIATIC			ALL RACES		
	M.	F.	T.	NAT	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
UNDER 1 YEAR					2	1	3							2	1	3
1 - 4 YEARS					2	3	5							2	3	5
5 - 9 YEARS					0	4	4							0	4	4
10 - 14 YEARS					1	1	2							1	1	2
15 - 19 YEARS				1	2	2	4							3	2	5
20 - 24 YEARS				1	3	1	4	0	1	1				4	2	6
25 - 29 YEARS					5	4	9							5	4	9
30 - 34 YEARS					3	4	7	0	1	1				3	5	8
35 - 39 YEARS					1	2	3	0	1	1				1	3	4
40 - 44 YEARS	0	1	1	2	6	2	8	1	0	1				9	3	12
45 - 49 YEARS				1	3	1	4							4	1	5
50 - 54 YEARS				2	1	1	2				0	1	1	3	2	5
55 - 59 YEARS					1	0	1							1	0	1
60 - 64 YEARS	1	0	1		2	1	3							3	1	4
65 - 69 YEARS																
OVER 70 YEARS	2	0	2											2	0	2
TOTAL	3	1	4	7	32	27	59	1	3	4	0	1	1	43	32	75

(c) DEATHS PER 1,000 POPULATION PER ANNUM

	MALE	FEMALE	TOTAL
EUROPEAN	0.20	0.10	0.16
MINING NATIVES	0.51	-	0.51
NON MINING NATIVES.	1.19	1.14	1.17
COLOURED	0.53	1.18	0.87
ASIATIC	0.00	1.43	0.66
ALL NON EUROPEANS	0.92	1.07	1.02
ALL RACES	0.75	0.78	0.76





8. T.B. ALL FORMS (INCLUDING 413)

(a) DEATHS IN MONTHS

	EUROPEAN			MIN	NON	MIN	NAT	COLOURED			ASIATIC			ALL RACES		
	M.	F.	T.	NAT	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
JULY	1	0	1		1	0	1							2	0	2
AUGUST				1	2	1	3							3	1	4
SEPTEMBER	1	0	1		1	6	7							2	6	8
OCTOBER	1	0	1		3	3	6	1	0	1				5	3	8
NOVEMBER	0	1	1	1	5	3	8	0	1	1				6	5	11
DECEMBER					4	2	6	1	0	1				5	2	7
JANUARY				1	2	4	6							3	4	7
FEBRUARY	0	1	1		4	4	8	0	2	2	0	1	1	6	6	12
MARCH				1	2	1	3							3	1	4
APRIL				7	3	2	5							10	2	12
MAY				1	5	2	7	0	1	1				6	3	9
JUNE				1	1	1	2							2	1	3
TOTAL	3	2	5	13	33	29	62	2	4	6	0	1	1	51	36	87

(b) DEATHS IN AGE GROUPS

	EUROPEAN			MIN	NON	MIN	NAT	COLOURED			ASIATIC			ALL RACES		
	M.	F.	T.	NAT	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
UNDER 1 YEAR					2	1	3							2	1	3
1 - 4 YEARS	0	1	1		2	2	4							2	3	5
4 - 9 YEARS					0	5	5							0	5	5
10 - 14 YEARS					1	1	2							1	1	2
15 - 19 YEARS					1	2	3							1	2	3
20 - 24 YEARS				2	3	1	4	0	1	1				5	2	7
25 - 29 YEARS				1	5	4	9	1	0	1				7	4	11
30 - 34 YEARS					3	4	7	0	1	1				3	5	8
35 - 39 YEARS					1	2	3	0	1	1				1	3	4
40 - 44 YEARS	0	1	1	6	7	3	10	1	0	1				14	4	18
45 - 49 YEARS				2	4	1	5							6	1	7
50 - 54 YEARS				2	1	1	2				0	1	1	3	2	5
55 - 59 YEARS					1	1	2							1	1	2
60 - 64 YEARS	1	0	1		2	1	3							3	1	4
65 - 69 YEARS																
OVER 70 YEARS	2	0	2					0	1	1				2	1	3
TOTAL	3	2	5	13	33	29	62	2	4	6	0	1	1	51	36	87

(c) DEATHS PER 1,000 POPULATION PER ANNUM

	MALE	FEMALE	TOTAL
EUROPEAN	0.20	0.20	0.20
MINING NATIVE	0.95	-	0.95
NON MINING NATIVE	1.23	1.23	1.23
COLOURED	1.05	1.57	1.31
ASIATIC	0.00	1.43	0.66
ALL NON EUROPEANS	1.11	1.29	1.18
ALL RACES	0.85	0.88	0.83



9.

I N F E C T I O U S   D I S E A S E

(a)

NOTIFICATIONS   IN   MONTHS

	EUROPEAN	MIN NAT	NON MIN NAT	COLOURED	ASIATIC	ALL RACES
JULY	71	5	51	2	2	131
AUGUST	103	1	29	2	1	136
SEPTEMBER	109	2	42	12	4	169
OCTOBER	22	-	38	3	-	63
NOVEMBER	7	3	22	3	-	35
DECEMBER	4	4	14	2	-	24
JANUARY	5	3	27	2	-	37
FEBRUARY	5	1	23	2	-	31
MARCH	15	2	21	1	-	39
APRIL	5	1	16	-	-	22
MAY	9	6	14	-	-	29
JUNE	4	-	10	1	-	15
TOTAL	359	28	307	30	7	731

(b)

NOTIFICATIONS   ACCEPTED

	EUROPEAN	MIN NAT	NON MIN NAT	COLOURED	ASIATIC	ALL RACES
MEASLES	273	3	104	13	5	398
PERTUSSIS	26	-	56	6	1	89
SCARLET FEVER	33	-	-	-	-	33
DIPHTHERIA	4	-	11	2	-	17
TYPHOID	3	3	15	-	-	21
C.S. MENINGITIS	6	5	9	-	1	21
PULMONARY T.B.	5	13	89	8	-	115
NON PULMONARY T.B.	2	4	18	1	-	25
POLIO	5	-	1	-	-	6
ENCEPHALITIS	1	-	-	-	-	1
LEPROSY	-	-	1	-	-	1
PUERPERAL SEPSIS	-	-	-	-	-	-
ERYSIPELAS	-	1	2	-	-	3
OPHTHALMIA	-	-	1	-	-	1
TOTAL	358	29	307	30	7	731





(c)

MEASLES

NOTIFICATIONS IN MONTHS

	EUROPEAN			MIN	NON	MIN	NAT	COLOURED			ASIATIC			ALL RACES		
	M.	F.	T.	NAT	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
JULY	31	26	57	2	14	19	33	1	0	1	1	0	1	49	45	94
AUGUST	55	36	91		10	10	20	0	1	1				65	47	112
SEPTEMBER	47	52	99		11	7	18	5	3	8	2	2	4	65	64	129
OCTOBER	14	5	19		10	8	18	1	0	1				25	13	38
NOVEMBER	2	2	4		0	2	2	1	0	1				3	4	7
DECEMBER	0	1	1		1	4	5							1	5	6
JANUARY				1	4	1	5							5	1	6
FEBRUARY	0	1	1		1	1	2	0	1	1				1	3	4
MARCH	0	1	1											0	1	1
APRIL														0	0	0
MAY														0	0	0
JUNE					1	0	1							1	0	1
TOTAL	149	124	273	3	52	52	104	8	5	13	3	2	5	215	183	398

(d)

PERTUSSIS

NOTIFICATIONS IN MONTHS

	EUROPEAN			MIN	NON	MIN	NAT	COLOURED			ASIATIC			ALL RACES		
	M.	F.	T.	NAT	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
JULY	2	4	6		6	4	10				0	1	1	8	9	17
AUGUST	3	4	7		1	2	3							4	6	10
SEPTEMBER	2	3	5		2	4	6	0	1	1				4	8	12
OCTOBER	1	0	1		3	4	7							4	4	8
NOVEMBER	0	1	1		2	3	5							2	4	6
DECEMBER					2	2	4	1	1	2				3	3	6
JANUARY	1	0	1		2	2	4	1	0	1				4	2	6
FEBRUARY	0	1	1		0	4	4							0	5	5
MARCH	0	1	1		2	4	6	0	1	1				2	6	8
APRIL	2	1	3		1	2	3							3	3	6
MAY					4	0	4							4	0	4
JUNE								0	1	1				0	1	1
TOTAL	11	15	26		25	31	56	2	4	6	0	1	1	38	51	89



(e) SCARLET FEVER

NOTIFICATIONS IN MONTHS

	EUROPEAN			NON MIN NAT			COLOURED			ASIATIC			ALL RACES		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
JULY	3	1	4										3	1	4
AUGUST	0	1	1										0	1	1
SEPTEMBER	1	1	2										1	1	2
OCTOBER	0	1	1										0	1	1
NOVEMBER	0	0	0										0	0	0
DECEMBER	1	0	1										1	0	1
JANUARY	1	0	1										1	0	1
FEBRUARY	1	0	1										1	0	1
MARCH	6	6	12										6	6	12
APRIL	0	1	1										0	1	1
MAY	2	5	7										2	5	7
JUNE	1	1	2										1	1	2
TOTAL	6	17	33	0	0	0	0	0	0	0	0	0	16	17	33

(f) DIPHTHERIA

(i) NOTIFICATIONS IN MONTHS

	EUROPEAN			NON MIN NAT			COLOURED			ASIATIC			ALL RACES		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
JULY				0	1	1	1	0	1				1	1	2
AUGUST	2	0	2	0	2	2	1	0	1				3	2	5
SEPTEMBER				1	0	1							1	0	1
OCTOBER				0	1	1							0	1	1
NOVEMBER													0	0	0
DECEMBER													0	0	0
JANUARY													0	0	0
FEBRUARY													0	0	0
MARCH				2	1	3							2	1	3
APRIL	0	1	1	1	2	3							1	3	4
MAY	1	0	1										1	0	1
JUNE	1	0	1										1	0	1
TOTAL	3	1	4	4	7	11	2	0	2				9	8	17

(ii) NUMBER OF PERSONS IMMUNISED (3 INJECTIONS)

	1ST INJECTION	2ND INJECTION	3RD INJECTION
EUROPEAN	331	296	277
NON-EUROPEAN	1,095	573	517
TOTAL	1,426	869	794

In addition 267 Europeans were immunised by private Practitioners.





(g).

C.S. MENINGITIS

NOTIFICATIONS IN MONTHS

	EUROPEAN			MIN	NON	MIN	NAT	COLOURED			ASIATIC			ALL RACES		
	M.	F.	T.	NAT	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
JULY	1	1	2	3										4	1	5
AUGUST	0	1	1		0	1	1				0	1	1	0	3	3
SEPTEMBER				1	1	1	2							2	1	3
OCTOBER					1	0	1							1	0	1
NOVEMBER					1	0	1							1	0	1
DECEMBER	0	1	1											0	1	1
JANUARY					1	0	1							1	0	1
FEBRUARY	1	0	1		1	1	2							2	1	3
MARCH					1	0	1							1	0	1
APRIL														0	0	0
MAY	1	0	1											1	0	1
JUNE					1	0	1							1	0	1
TOTAL	3	3	6	4	7	3	10				0	1	1	14	7	21

(h)

TYPHOID FEVER

(i) NOTIFICATIONS IN MONTHS

	EUROPEAN			MIN	NON	MIN	NAT	COLOURED			ASIATIC			ALL RACES		
	M.	F.	T.	NAT	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
JULY	1	0	1		1	0	1							2	0	2
AUGUST					2	1	3							2	1	3
SEPTEMBER														0	0	0
OCTOBER														0	0	0
NOVEMBER					2	0	2							2	0	2
DECEMBER					0	1	1							0	1	1
JANUARY	0	1	1	1	4	2	6							5	3	8
FEBRUARY														0	0	0
MARCH														0	0	0
APRIL				1										1	0	1
MAY				1	2	0	2							3	0	3
JUNE	1	0	1											1	0	1
TOTAL	2	1	3	3	11	4	15							16	5	21

(ii) NUMBER OF PERSONS IMMUNISED

EUROPEAN	10
NON-EUROPEAN	9850
<u>TOTAL</u>	<u>9860</u>

(iii) VI TESTS

(a) NUMBER OF BLOOD TESTS TAKEN	EUROPEAN	60
	NON-EUROPEAN	562
	<u>TOTAL</u>	<u>622</u>

(b) NUMBER OF VI POSITIVES	EUROPEAN	1
	NON-EUROPEAN	17
	<u>TOTAL</u>	<u>18</u>



(i) TUBERCULOSIS

(1) NOTIFICATIONS : ALL FORMS

	EUROPEAN			MIN	NON MIN			NAT	COLOURED			ASIATIC			ALL RACES		
	M.	F.	T.	NAT	M.	F.	T.		M.	F.	T.	M.	F.	T.	M.	F.	T.
PULMONARY T.B.	3	2	5	13	50	39	89	4	4	8					70	45	115
NON PULM. T.B.	1	1	2	4	11	7	18	1	0	1					17	8	25
TOTAL	4	3	7	17	61	46	107	5	4	9					87	53	140

(ii) PULMONARY T.B. : NOTIFICATIONS IN AGE GROUPS

	EUROPEAN			MIN	NON MIN			NAT	COLOURED			ASIATIC			ALL RACES		
	M.	F.	T.	NAT	M.	F.	T.		M.	F.	T.	M.	F.	T.	M.	F.	T.
UNDER 1 YEAR																	
1 - 4 YEARS					4	5	9								4	5	9
5 - 9 YEARS					2	5	7	0	1	1					2	6	8
10 - 14 YEARS					0	5	5								0	5	5
15 - 19 YEARS				2	2	1	3								4	1	5
20 - 24 YEARS					8	3	11	1	2	3					9	5	14
25 - 29 YEARS	0	2	2	2	7	5	12	1	0	1					10	7	17
30 - 34 YEARS				7	4	4	8	0	1	1					11	5	16
35 - 39 YEARS				1	7	2	9	1	0	1					9	2	11
40 - 44 YEARS				1	5	4	9	1	0	1					7	4	11
45 - 49 YEARS					6	1	7								6	1	7
50 - 54 YEARS					2	1	3								2	1	3
55 - 59 YEARS	1	0	1		1	0	1								2	0	2
60 - 64 YEARS	2	0	2		2	3	5								4	3	7
65 - 69 YEARS															0	0	0
OVER 70 YEARS															0	0	0
TOTAL	3	2	5	13	50	39	89	4	4	8					70	45	115

(iii) T.B. CLINICS : NO. OF CONTACTS EXAMINED

EUROPEAN	-
NON-EUROPEAN	347
TOTAL	347

(iv) VARIOUS RATES

	INCIDENCE RATES : PULMONARY T.B. (NOTIFICATIONS PER 1,000 POPULATION)	INCIDENCE RATES : T.B. (ALL FORMS) (NOTIFI- CATIONS PER 1,000 POPULATION)
EUROPEAN	0.21	0.27
MINING NATIVES	0.95	1.24
NON MINING NATIVES	0.99	1.20
COLOURED	2.10	2.37
ASIATIC	0.00	0.00
ALL NON-EUROPEAN	1.59	1.91
ALL RACES	1.17	1.42





(j) INFECTIOUS DISEASES

REMOVALS TO HOSPITALS

(i) BOKSBURG-BENONI AND OTHER HOSPITALS

	EUROPEAN	NON MIN NAT	COLOURED	ASIATIC	TOTAL
PERTUSSIS	3	7	2		12
MEASLES	6	12	2		20
SCARLET FEVER	2				2
DIPHTHERIA	4	10	2		16
C.S. MENINGITIS	6	13		1	20
TYPHOID	3	17			20
PULMONARY T.B.	1	73	4		78
NON PULMONARY T.B.	2	17	2		21
ENCEPHALITIS	2				2
POLIOMYELITIS	5	1			6
LEPROSY		1			1
ERYSIPELAS		2			2
TOTAL	34	153	12	1	200

(ii) RIETFontein HOSPITAL

	NON MIN NAT	COLOURED	ASIATIC	TOTAL
SYPHILIS	97	-	-	97
GONORRHOEA	33	-	-	33
TOTAL	130	-	-	130

(iii) MINE HOSPITALS

PULMONARY T.B.	17
NON PULMONARY T.B.	2
C.S. MENINGITIS	4
MEASLES	3
ERYSIPELAS	1
TYPHOID	2
<u>TOTAL</u>	<u>29</u>



10.

MATERNAL AND CHILD WELFARE

(i)

ANTE NATAL CLINICS

	EUROPEAN	NON MINING NATIVE LOCATION APEX TOTAL			COLOURED	ASIATIC	ALL RACES
NEW CASES	264	1191	577	1768	121	12	2165
INDIVIDUAL CASES	970	3938	1531	5469	448	31	6896
ATTENDANCES	1401	6741	3040	9781	1011	60	12253
VISITS	47	338	225	563	199	128	937
TOTAL	1448	7079	3265	10344	1210	188	13190

(ii)

CHILD WELFARE CLINICS

	EUROPEAN N' MEAD TOWN TOTAL			NON MIN NAT LOCATION APEX TOTAL			COL- COURED	ASI- ATIC	ALL RACES
NEW CASES	175	347	522	327	304	631	111	18	1282
INDIVIDUAL CASES	1423	1817	3240	1340	548	1888	592	71	5791
ATTENDANCES	3119	4809	7928	3188	989	4177	1608	157	13870
VISITS:-									
(i) FIRST VISITS:-									
(a) BREAST FED	269	356	625	302	374	676	159	161	1621
(b) ARTIFICIAL- LY FED	17	45	62	105	51	156	68	29	315
(c) MIXED FED	8	23	31	91	117	208	50	28	317
(ii) INFANTILE MORTALITY:-	7	14	21	111	90	201	30	2	254
(iii) STILL BIRTHS:-	5	6	11	2	0	2	1	0	14
(iv) REVISITS:-									
(a) 0-1 YEARS	695	583	1278	417	235	652	308	192	2439
(b) 1-6 YEARS	232	232	464	403	175	578	301	185	1528
TOTAL	1233	1259	2492	1431	1042	2473	917	597	6399

(iii)

VISITS, INSPECTIONS, ETC.

	EUROPEAN	NON MIN NAT	COLOURED	ASIATIC	ALL RACES
V.D. DEFAULTERS		642	287	98	1027
SHOP INSPECTIONS	23				23
HOUSING INSPECTIONS	204				204
TOTAL	227	642	287	98	1254

(iv)

FOODSTUFFS DISTRIBUTED

	EUROPEAN	NON MIN NAT	COLOURED	ASIATIC	ALL RACES
MILK	258				258
MILK POWDER		306	113	32	451
VEGETABLES	212				212





11. DISTRICT MIDWIFERY SERVICES

CASES CONFINED IN MONTHS

	CONFINED ON DISTRICT					CONFINED IN HOSPITAL					ALL CASES				TO-TAL
	EUR	NAT	COL	AS	TOTAL	EUR	NAT	COL	AS	TOTAL	E.	N.	C.	A.	
JULY	1	11	3		15	20	61	4		85	21	72	7		100
AUGUST	1	8	2		11	19	57	1		77	20	65	3		88
SEPTEMBER		12			12	4	55	2		61	4	67	2		73
OCTOBER		8	2		10	23	54	2		79	23	62	4		89
NOVEMBER	3	11	5		19	22	56	2	1	81	25	67	7	1	100
DECEMBER	3	12	3		18	23	45	3		71	26	57	6		88
JANUARY	2	11	4		17	20	77	3		100	22	88	7		117
FEBRUARY	1	9	1	1	12	17	37	4		58	18	46	5	1	70
MARCH	1	16	2		19	14	64	4		82	15	80	6		101
APRIL	1	15	2		18	15	65	2		82	16	80	4		100
MAY	3	13			16	27	70	4	1	102	20	83	4	1	118
JUNE		24			24	14	63	2	1	80	14	87	2	1	104
TOTAL	16	150	24	1	191	218	704	33	3	958	234	854	57	4	1149

12. RACE WELFARE

ATTENDANCES IN MONTHS

	EUROPEANS		NON EUROPEANS		ALL RACES	
	NEW CASES	ATTEND- ANCES	NEW CASES	ATTEND- ANCES	NEW CASES	ATTEND- ANCES
JULY	9	39	2	4	11	43
AUGUST	5	25	3	7	8	32
SEPTEMBER	5	29	5	7	10	36
OCTOBER	4	10	3	5	7	15
NOVEMBER	4	23	5	9	9	32
DECEMBER	8	17			8	17
JANUARY	7	14			7	14
FEBRUARY	7				7	0
MARCH	2	12	14		16	12
APRIL	5	21			5	21
MAY	3	9			3	9
JUNE	4	23	5	9	9	32
TOTAL	63	222	37	41	100	263



13. BOKSBURG-BENONI HOSPITAL : OUTPATIENTS DEPARTMENT

MONTHLY ATTENDANCES

	EUROPEANS		NON EUROPEANS		TOTAL	
	PATIENTS	ATTEND.	PATIENTS	ATTEND.	PATIENTS	ATTENDANCES
JULY	249	698	1627	3075	1876	3773
AUGUST	334	703	1801	3079	2135	3782
SEPTEMBER	270	529	1571	2600	1841	3129
OCTOBER	294	729	1855	2842	2149	3571
NOVEMBER	395	948	1980	3362	2375	4310
DECEMBER	274	801	1468	2626	1742	3427
JANUARY	316	978	1951	4268	2267	5246
FEBRUARY	315	1029	1444	1993	1759	3022
MARCH	401	1182	2160	3367	2561	4549
APRIL	341	1104	1847	2774	2188	3878
MAY	371	1432	1995	2993	2266	4425
JUNE	337	1470	2121	3369	2458	4839
TOTAL	3897	11603	21720	36348	25617	57951

14. PASS OFFICE : MEDICAL EXAMINATION NATIVES

(i) NATIVE MALES

	NO. EXAMINED	NO. REFERRED TO V.D. CLINIC	NO. REFERRED TO V.D. HOSPITAL
JULY	1515	44	6
AUGUST	1536	71	7
SEPTEMBER	1447	47	6
OCTOBER	1479	56	7
NOVEMBER	1767	60	6
DECEMBER	886	11	0
JANUARY	2403	43	15
FEBRUARY	1880	46	13
MARCH	1468	40	5
APRIL	1270	11	8
MAY	1289	30	4
JUNE	1245	32	3
TOTAL	18185	491	80

- (ii) NO. OF MALES RETAINED FOR G.C. TREATMENT... 33
- (iii) NO. OF FEMALES REFERRED TO V.D. HOSPITAL... 31
- (iv) NO. OF MALES VACCINATED.....410





14.

VENEREAL DISEASE CLINICS

(a)

ATTENDANCES IN MONTHS

	EUROPEAN			NON MIN NAT			COLOURED			ASIATIC			ALL RACES		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
JULY	0	33	33	426	899	1325	29	65	94	0	2	2	455	989	1454
AUGUST	1	24	25	516	1017	1533	27	64	91	0	1	1	544	1106	1650
SEPTEMBER	7	26	33	405	946	1351	15	46	61	5	3	8	432	1021	1453
OCTOBER	5	29	34	441	880	1321	12	59	71	1	6	7	459	974	1433
NOVEMBER	8	29	37	545	1012	1557	17	66	83	0	3	3	570	1110	1680
DECEMBER	2	16	18	298	539	887	6	41	47	0	1	1	306	647	953
JANUARY	5	3	8	438	870	1308	13	42	55				456	915	1371
FEBRUARY	10	36	46	444	924	1368	26	61	87	0	3	3	480	1024	1504
MARCH	7	53	60	448	1082	1530	31	84	115	0	3	3	486	1222	1708
APRIL	0	17	17	338	870	1208	23	99	122	4	9	13	365	995	1360
MAY	0	19	19	312	903	1305	17	80	97	3	1	4	332	1093	1425
JUNE	0	24	24	311	995	1306	14	94	108	0	3	3	328	1113	1441
TOTAL	45	309	354	4922	11077	15999	230	801	1031	13	35	48	5213	12219	17432

(b)

NEW CASES (EXCLUDING SENT TO HOSPITAL)

	EUROPEAN			NON MIN NAT			COLOURED			ASIATIC			ALL RACES		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
JULY				27	60	87	1	1	2				28	61	89
AUGUST				27	71	98	0	8	8				27	79	106
SEPTEMBER	1	1	2	32	49	81	0	3	3				33	53	86
OCTOBER				20	49	69	0	1	1	0	1	1	20	51	71
NOVEMBER	1	0	1	13	39	52	1	1	2				15	40	55
DECEMBER				12	44	56	1	0	1				13	44	57
JANUARY	1	0	1	21	61	82	0	2	2				22	63	85
FEBRUARY				32	72	104	0	3	3				32	75	107
MARCH				21	76	97	3	5	8				24	81	105
APRIL				22	37	59	2	5	7	1	2	3	25	44	69
MAY				23	46	69	0	3	3				23	49	72
JUNE				19	43	52	2	1	3				21	44	65
TOTAL	3	1	4	269	647	916	10	33	43	1	3	4	283	684	967



(c) ALL CLINICS

	EUROPEAN			NON MIN NATIVES			COLOURED			ASIATIC			ALL RACES		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
NEW CASES:- SYPHILIS GONORRHOEA	2 1	1 0	3 1	269	647	916	10	33	43	1	3	4	202 1	684 0	966 1
ATTENDANCES:- SYPHILIS GONORRHOEA	35 3	53 0	88 3	4491	8339	12830	220	679	899	13	24	37	4759 3	9095 0	13854 3
TOTAL V.D. ATTENDANCES	38	53	91	4491	8339	12830	220	679	899	13	24	37	4762	9095	13857
NON V.D.	8	270	278	288	1476	1764	5	99	104	0	8	8	301	1853	2154
TOTAL ATTENDANCES	46	323	369	4779	9815	14594	225	778	1003	13	32	45	5063	10948	16011
W.R.'s:- NO. NEGATIVE NO. POSITIVE	8 1	270 8	278 9	288 144	1476 762	1764 906	5 6	99 34	104 40	0 0	8 3	8 3	301 151	1853 807	2154 958
TOTAL W.R.'s TAKEN	9	278	287	432	2238	2670	11	133	144	0	11	11	452	2660	3112
INJECTIONS:- INTRA-VENOUS INTRA-MUSCULAR	0 38	1 50	1 88	2553 1945	5195 3651	7743 5596	109 99	287 375	396 474	0 16	6 11	6 27	2662 2098	5489 4087	8151 6185
TOTAL NUMBER OF INJECTIONS	38	51	89	4498	8846	13344	208	662	870	16	17	33	4760	9576	14336





15. VERMIN CONTROL

A. RODENT CONTROL

(a) NUMBER OF RODENTS DESTROYED

Domestic Rats (Ratus Ratus).....	12,142
Domestic Mice (Mus Musculus).....	11,002
Gerbilles (Tateroma Lobengula).....	<u>1,888</u>
<u>TOTAL</u>	<u>25,032</u>

(b) NUMBER OF HOLES TREATED..... 53,551

(c) NUMBER OF VISITS..... 9,998

(d) AMOUNT OF MATERIAL USED:-

Cyanogas	...	1,200 lbs.
Poisoned Corn	...	575 lbs.
Brown Sugar	...	71 lbs.
Strychnine	...	6 lbs.
Serexa	...	17 lbs.
Mealie Meal	...	151 lbs.

B. FLY CONTROL

(a) Number of premises sprayed..... 21.

(b) Amount of D.D.T. used.....106 Gallons.

C. MOSQUITO CONTROL

(a) Number of Visits to Dwellings..... 206.

(b) Number of Feature Points Examined..... 82.



16. WORK OF HEALTH INSPECTORS : ANNUAL REPORT (TOWN)

Notices	502
Aerated Water Manufacturers	21
Butcher Shops	558
Baker Shops (Without Bakehouses)	29
Bakehouses	110
Butchers' Carts and Carriers	0
Bakers' Carts	24
Dealers' and General Dealers' Shops (Food)	2154
Dealers' and General Dealers' Shops (No Food)	2557
Dairy Stables and Dairies	1220
Fish and Poultry Shops	281
Hawkers' Premises	2
Ice Cream (Purveyors and Manufacturers of)	56
Ice Cream Carts	19
Kaffir Eating Houses	628
Milkshops (Purveyors of Milk)	365
Milk Delivery Carts	97
Municipal Market	216
Other Factory or Workshop	8
Other Visits	423
Residential Hotels, Boarding Houses	153
Tea Shops, Cafes, Restaurants and Eating Houses	507
Theatres and Bioscopes	7
Common Lodging Houses	3
Hairdressers	138
Laundries	66
Blood Tests	532
Complaints	777
Courts, Alleys, Lanes	196
Drains - defective, insufficient, choked, dirty	389
House Inspections	1253
Horse Stables	102
Interviews	1081
Keeping of Animals	257
Mosquitoes (a) Standing Water	307
(b) Catchpits	0
Native Housing	404
Other House Inspections	5
Pail Closets - (a) Dirty	9
(b) Defective	5
Open Ground	3
Plans - (a) Buildings: (1) Approved without Comment	328
(2) Number referred back for amendment	30
(b) Drainage : (1) Approved without Comment	261
(2) Number referred back for amendment	24
Public Sanitary Conveniences	227
Permits : Urban Areas Act	260
Premises : Constructional Repairs	1035
Refuse Tips	173
Refuse : Accumulation of	401
Refuse Bins - (a) Broken	1042
(b) Insufficient	87
Stands Inspected	17
Sites or premises, re deposited plans	17
Visits in connection with Infectious Disease	476
Visits to Premises in connection with Rodent Infestation	10018
Visits to Premises under cyanide fumigation	50

Visits/...





WORK OF HEALTH INSPECTORS : ANNUAL REPORT (TOWN)

CONTINUED

Visits to Premises for Vermin	16
Water Closets - (a) Dirty	134
(b) Defective	262
(c) Insufficient	35
Licences - (1) Applications received	556
(2) Applications approved without comment	393
(3) Applications subject to conditions	50
(4) Applications not in order	39
(5) Applications withdrawn	3
(6) Applications in abeyance	78

REPORTS FOR TRANSMISSION TO ENGINEER'S  
OR OTHER DEPARTMENTS

Stopped Drains	51
Unauthorised Structures	6
	<u>28,956</u>

17. WORK OF HEALTH INSPECTORS : ANNUAL REPORT (LOCATION)

Notices	31
Butcher Shops	318
Baker Shops (Without Bakehouse)	2
Bakehouses	8
Butchers' Carts and Carriers	9
Bakers' Carts	12
Dealers' and General Dealers' Shops (Food)	1019
Dealers' and General Dealers' Shops (No Food)	255
Fish and Poultry Shops	181
Hawkers' Premises	93
Hawkers' Carts	6
Other Factory or Workshop	11
Other Visits	468
Pedlars' Premises	6
Tea Shops, Cafes, Restaurants and Eating Houses	134
Theatres and Bioscopes	33
Hairdressers	175
Accumulation of Manure	162
Complaints	109
Courts, Alleys, Lanes	28
Drains - defective, insufficient, choked, dirty	80
Disinfection of Premises	1
House Inspections	306
Horse Stables	97
Interviews	112
Keeping of Animals	28
Mosquitoes - (a) Standing Water	6
Pail Closets - (a) Dirty	106
(b) Defective	29
(c) Insufficient	2



WORK OF HEALTH INSPECTORS : ANNUAL REPORT (LOCATION)

CONTINUED

Public Sanitary Conveniences	57
Premises : Constructional Repairs	77
Refuse Tips	3
Refuse: Accumulation of	99
Refuse bins - (a) Broken	122
(b) Insufficient	8
Visits in connection with Infectious Disease	313
Visits to Premises for Vermin	2
Wash Houses	6
Waste Water Receptacles	110
Licences - (1) Applications received	256
(2) Applications approved without Comment	149
(3) Applications subject to conditions	107

REPORTS FOR TRANSMISSION TO ENGINEER'S  
OR OTHER DEPARTMENTS

Stopped Drains	<u>1</u>
	<u>4,850</u>

18.

FOODSTUFFS CONDEMNED

FRESH FRUIT AND VEGETABLES

Citrus Fruit	446 Pockets
Sweet Potatoes	890 Lbs.

TINNED FOODS

Baby Food	16 Tins
Fruit	426 Tins
Fish	1709 Tins
Jam	469 Tins
Milk Condensed	96 Tins
Milk Powdered	118 Tins
Meat	32 Tins
Sausages	46 Tins
Sandwich Spread	62 Tins
Syrup	40 Tins
Unlabelled	253 Tins
Vegetables	362 Tins
Christmas Pudding	11 Tins

VARIOUS OTHER FOODS

Biscuits	10 Packets
Breakfast Foods	82 Packets
Cocoa	1 Packet
Cordials	2 Bottles
Condiments	50 Bottles
Flour	10 Lbs.





FOODSTUFFS CONDEMNED CONTINUED

Honey	11 Jars
Ice Cream Powder	1 Packet
Lemon Curd	3 Bottles
Mealie Meal	13 Lbs.
Peanuts	17 Lbs.
Sweets	63 Lbs.

FISH AND POULTRY

Chicken	63 Lbs.
Fish	100 Lbs.
Meat - Fresh	55 Lbs.
Meat - Cooked	2 Lbs.

19. FOODS DRUGS AND DISINFECTANTS ACT

A. SAMPLES FOR CHEMICAL ANALYSIS

(a) MILK

(i)	Number of Samples taken	88
(ii)	Number of Samples returning milk fat above 4%	13
(iii)	Number of Samples returning milk fat between 3.5% and 4%	33
	Number of Samples returning milk fat between 3% and 3.5%	38
	Number of Samples returning milk fat below 3%	4
	Number of Samples returning milk solids (not fat) below 8.5%	18

(b) ICE CREAM

Number of Samples taken	2
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(c) BOERE WORS

Number of Samples taken	7
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(d) MINCE MEAT

Number of Samples taken	1
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(e) MINERAL WATER

Number of Samples taken	1
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(f) WATER

Number of Samples taken	3
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FOODS DRUGS AND DISINFECTANTS ACT CONTINUED

B. SAMPLES FOR BACTERIOLOGICAL EXAMINATION

(a) MILK

(i)	Number of Samples taken	129
(ii)	Organisms under 200,000 per c.c.	80
	Organisms over 200,000 per c.c.	49
(iii)	B. Coli present in 0.1	29
	B. Coli present in 0.01	9
	B. Coli present in 0.001	5

(b) WATER

(i)	Number of Samples taken	4
(ii)	Total count less than 50 Organisms per c.c.	1
	Total count more than 50 Organisms per c.c.	3

(c) ICE CREAM

(i)	Number of Samples taken	3
(ii)	Organisms under 200,000 per c.c.	1
	Organisms over 200,000 per c.c.	2

(d) SUCKERS

(i)	Number of Samples taken	3
(a)	Satisfactory	3
(b)	Unsatisfactory	0





20.

LICENCE APPLICATIONS

	APPLI- CATIONS RECEIVED	APPROVED NO CON- DITIONS	APPROVED SUBJECT TO CON- DITIONS	WITH- DRAWN	NOT IN ORDER
BAKERS AND CONFECTION- ERS	8	6	2	-	-
BILLIARD SALOONS	1	1	-	-	-
BOARDING HOUSES	13	10	3	-	-
BUTCHERS	55	38	16	1	-
CYCLE DEALERS	23	22	1	-	-
DAIRIES	56	44	9	2	1
FISHMONGERS	5	4	1	-	-
FUMIGATORS	4	2	2	-	-
GENERAL DEALERS	223	171	57	-	-
FRESH PRODUCE DEALERS	150	121	27	2	-
GROCERS	65	50	15	-	-
HAIRDRESSERS	28	25	3	-	-
HAWKERS	33	24	8	1	-
HOTELS	9	8	1	-	-
KAFFIR EATING HOUSES	7	7	-	-	-
LAUNDRIES	4	3	1	-	-
LODGING HOUSES	6	5	1	-	-
MINERAL WATERS	25	20	5	-	-
PEDLARS	42	37	5	-	-
RESTAURANTS	30	66	14	-	-
MISCELLANEOUS	116	103	13	-	-
TOTAL	958	767	184	6	1

21.

PROSECUTIONS

NO. OF CASES	LAW	OFFENCE	PENALTY
24	Public Health Act Section 113(1)	Unhygienic Handling of Food	£5 or one month suspen- ded for 12 months.
1	Public Health Act Section 113(1)	Unhygienic Handling of Food	Fined £4.
2	Public Health Act	Unhygienic Handling of Food	£10 or two months suspen- ded for 12 months.



PROSECUTIONS CONTINUED

NO. OF CASES	LAW	OFFENCE	PENALTY
1	Public Health Act Section 113(1)	Unhygienic Handling of Food	Fined £5
4	Public Health Act Section 113(1)	Unhygienic Handling of Food	Fined £3.10.0.
1	Public Health Act Section 124	Failure to comply with notice	Court Order
1	Public Health Act Section 124	Failure to comply with notice	Cautioned and Discharged
4	Food and Drugs Act 17(1) 7(3)	Adulteration of Milk	Fined £5
6	Public Health By Laws Sections 355, 357	Unhygienic Handling of Milk	Fined £5
1	Public Health By Laws Section 171	Unhygienic Handling of Foodstuffs	Fined £10
1	Public Health By Laws Sections 69, 73, 80	Keeping of Animals	Fined £5





22.

ABATTOIRS

	S L A U G H T E R I N G					BY PRODUCTS PRODUCED (IN LBS)		
	CATTLE	SHEEP	CALVES	PIGS	HORSES DONKEYS	BLOOD MEAL	CARCASE MEAL	TALLOW
JULY	1272	2150	195	1160	-	8,000	25,500	4,000
AUGUST	1397	2001	211	1378	-	8,000	21,500	3,200
SEPTEMBER	1541	2656	206	1435	-	9,500	27,050	4,000
OCTOBER	961	3010	229	1724	27	7,500	26,750	3,600
NOVEMBER	1971	3772	199	1529	46	12,500	26,700	4,000
DECEMBER	2785	2191	150	952	18	16,000	33,000	5,600
JANUARY	2782	2540	98	1331	21	20,500	36,300	5,200
FEBRUARY	2611	1783	59	1222	14	15,000	48,000	9,750
MARCH	2576	1884	70	1184	15	23,800	43,900	8,860
APRIL	2237	2023	56	1252	11	18,000	29,950	5,600
MAY	2118	1946	60	1134	21	13,000	33,000	5,200
JUNE	2238	2076	80	1340	14	16,200	34,300	6,400
TOTAL	24489	28032	1613	15641	187	168,000	385,950	65,410

(b) REVENUE

Ex Slaughtering Fees	£6,340
Ex Examination of Meat	362
Ex Rents	649
Ex Commission on Levy	123
Ex By Products Sales	6,979
Ex Cold Storage Fees	2,806
Ex Sundry Revenue	256

TOTAL £17,515

(c) TOTAL EXPENDITURE £24,562

(d) MEASLY CARCASSES TO COLD STORAGE

	NUMBER	WEIGHT
LOCAL	831	336,834 lbs.
IMPORTED	225	87,842 lbs.

(e) CONDEMNATIONS

Cattle	444 $\frac{1}{2}$
Sheep	31
Calves	0
Pigs	357
Horses	1

TOTAL WEIGHT 387,874 lbs.



23.

CLIMATIC DATA

Latitude : 26 degrees, 11 minutes South  
Longitude : 28 degrees, 18 minutes East  
Altitude : 5,400 feet.

	T E M P E R A T U R E				SUNSHINE HOURS PER DAY	MEAN DAILY RELATIVE HUMIDITY	RAINFALL	
	MEAN	MEAN	ABSOLUTE	ABSOLUTE			IN.	DAYS
	MAX o.F.	MIN o.F.	MAX o.F.	MIN o.F.				
JULY	61.4	29.6	73.0	21.3	8.77	59	0.02	2
AUGUST	67.6	35.0	75.0	26.5	9.41	54	0.94	5
SEPTEMBER	74.0	45.8	84.9	31.5	9.09	49	0.21	3
OCTOBER	78.1	54.3	90.0	44.5	8.37	62	3.52	11
NOVEMBER	80.9	54.5	88.5	45.8	9.79	55	0.50	7
DECEMBER	84.0	58.1	94.3	50.6	9.24	61	3.61	14
JANUARY	83.9	59.6	90.3	52.9	8.58	60	5.13	14
FEBRUARY	77.7	58.1	88.2	52.2	6.77	74	5.47	14
MARCH	81.7	54.4	89.3	47.8	9.72	60	1.44	7
APRIL	75.5	47.3	80.2	39.8	9.37	64	1.74	7
MAY	68.5	40.1	80.3	27.7	8.18	54	0.41	6
JUNE	65.7	36.1	75.1	26.0	7.98	60	0.31	2

TOTAL RAINFALL FOR YEAR ENDED 30TH JUNE, 1952..... 23.30 INCHES.







